

Amendments to the Specification

Please amend the paragraph starting on page 10, line 23 of the specification and ending on page 11, line 6 of the specification as follows:

At least one electrode pair 119 of surface electrodes 40 are also coupled to the signal generator 54 through switch 59. Each electrode 89 and 115 ~~are~~is placed opposite each other on the body surface with the heart 16 in-between them to generate an electric potential separate from the electrode inside the heart. The induced field is sensed by passive electrodes 48 and conditioned by the high pass section 56 of the signal conditioner 50. This field helps the computer 34 align or orient the passive electrodes 48 to the body for better visualization of the heart on the monitor 36.

Please amend the first full paragraph on page 19 of the specification (lines 5-21) as follows:

FIG. 8 is a schematic drawing of the apparatus required to perform the body orientation generation process. It shows a patient 12 with at least one pair 119 of skin electrodes 40 attached to the body surface in a stationary position on the body and in a known configuration. These electrodes are typified by example surface electrodes 89 and 115 each of which could be an ECG electrode 74, and RF generation current sink electrode 70, or another electrode specifically dedicated to the BOGP. Ideally, electrode 89 and 115 are opposite one another on the body with the heart 16 directly in between them. This pair of electrodes is attached to the signal generator 54 through the switch 59 via an appropriate cable 117 to generate an electric potential separate from the electrode inside the heart. The distal end 22 of monitoring catheter 14 is situated in the heart 16

where the passive electrodes 48 can measure the signals generated across the electrode 89 and electrode 115.